

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strike through~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered). Please AMEND claims 1-12 in accordance with the following:

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1. (CURRENTLY AMENDED) A solid editing method in a three-dimensional CAD system, having a display screen and an operation unit for operating basic configurations displayed on said display screen, for completing a final three-dimensional configuration by an operation of combining a plurality of basic configurations, said method comprising:
 - ~~a step of displaying~~, on said display screen, in-the-making configurations from a first basic configuration as a start configuration down to the final three-dimensional configuration;
 - ~~a selecting step of selecting~~ one of the in-the-making configurations displayed; and
 - ~~a step of setting~~ as an edit target the basic configuration finally combined with respect to the selected in-the-making configuration.

 2. (CURRENTLY AMENDED) A readable-by-computer recording medium recorded with a program for indicating a computer to edit a three-dimensional configuration formed by sequentially combining basic configurations, said program comprising:
 - ~~a step of displaying~~, on said display screen, in-the-making configurations from a first basic configuration as a start configuration down to the final three-dimensional configuration;
 - ~~a selecting step of selecting~~ one of the in-the-making configurations displayed; and
 - ~~a step of setting~~ as an edit target the basic configuration finally combined with respect to the selected in-the-making configuration.

 3. (CURRENTLY AMENDED) A readable-by-computer recording medium recorded with a program ~~according to claim 2~~ for indicating a computer to edit a three-dimensional configuration formed by sequentially combining basic configurations, said program comprising:
 - displaying, on said display screen, in-the-making configurations from a first basic
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configuration as a start configuration down to the final three-dimensional configuration;
selecting one of the in-the-making configurations displayed; and
setting as an edit target the basic configuration finally combined with respect to the
selected in-the-making configuration, wherein said program further comprises a step of
generating a sum of the basic configurations, a difference between the basic configurations,
and a product of the basic configurations.

4. (CURRENTLY AMENDED) A readable-by-computer recording medium recorded
with a program according to claim 2 for indicating a computer to edit a three-dimensional
configuration formed by sequentially combining basic configurations, said program comprising:
displaying, on said display screen, in-the-making configurations from a first basic
configuration as a start configuration down to the final three-dimensional configuration;
selecting one of the in-the-making configurations displayed; and
setting as an edit target the basic configuration finally combined with respect to the
selected in-the-making configuration, wherein said selecting step involves includes a sequence
changing step of selecting a first in-the-making configuration and a second in-the-making
configuration, and the program further comprises a sequence changing step changing a
combination sequence of the basic configuration set as an edit target with the selection of the
first in-the-making configuration, to just posterior (or just anterior) to the second in-the-making
configuration.

5. (CURRENTLY AMENDED) A readable-by-computer recording medium recorded
with a program according to claim 4, wherein the three-dimensional configuration is stored in
the form of element data representing the basic configuration, and sequence indicating data
representing a combination sequence of plural items of element data, and
said changing a combination sequence changing step involves includes changing the
sequence indicating data.

6. (CURRENTLY AMENDED) A readable-by-computer recording medium recorded
with a program according to claim 2, wherein said program further comprises a ~~step of deleting~~
the edit target basic configuration from the combination of the basic configuration forming the
final three-dimensional configuration.

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7. (CURRENTLY AMENDED) A readable-by-computer recording medium recorded with a program according to claim 2 for indicating a computer to edit a three-dimensional configuration formed by sequentially combining basic configurations, said program comprising: displaying, on said display screen, in-the-making configurations from a first basic configuration as a start configuration down to the final three-dimensional configuration; selecting one of the in-the-making configurations displayed; and setting as an edit target the basic configuration finally combined with respect to the selected in-the-making configuration, wherein said program further comprises ~~a step of~~ setting the edit target basic configuration in a non-display state (or a display state from the non-display state) with respect to the combination of the basic configurations for forming the final three-dimensional configuration.

8. (CURRENTLY AMENDED) A readable-by-computer recording medium recorded with a program according to claim 2, wherein said selecting ~~step involves a step of~~ includes selecting the first in-the-making configuration and the second in-the-making configuration, and the program further comprises ~~a step of~~ reproducing the basic configuration set as the edit target due to the first in-the-making configuration, to the second in-the-making configuration.

9. (CURRENTLY AMENDED) A readable-by-computer recording medium recorded with a program according to claim 2, wherein said program further comprises ~~a step of~~ changing the edit target configuration.

10. (CURRENTLY AMENDED) A readable-by-computer recording medium recorded with a program according to claim 2, wherein the basic configuration is attached with attributes, and said program further comprises ~~a step of~~ editing the attributes of the edit target.

11. (CURRENTLY AMENDED) A solid editing method in a three-dimensional CAD system for editing a three-dimensional configuration formed by sequentially combining basic configurations, said method comprising:

~~a step of~~ displaying in-the-making configurations from a first basic configuration as a start configuration down to the final three-dimensional configuration;

~~a selecting step of selecting the basic configuration visible in the in-the-making configuration displayed; and~~

~~a step of setting the selected basic configuration as an edit target.~~

12. (CURRENTLY AMENDED) A readable-by-computer recording medium recorded with a program for indicating a computer to edit a three-dimensional configuration formed by sequentially combining basic configurations, said program comprising:

~~a step of displaying in-the-making configurations from a first basic configuration as a start configuration down to the final three-dimensional configuration;~~

~~a selecting step of selecting the basic configuration visible in the in-the-making configuration displayed; and~~

~~a step of setting the selected basic configuration as an edit target.~~